

Bhuvni Shah

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EDUCATION

University of Illinois at Chicago

Chicago, IL

Bachelor of Science in **Computer Science** and **Economics**; Minor in **Mathematics**

Expected May 2023

GPA: 4.0/4.0 | Honors College | Chancellor's Fellow | Dean's List 2019-2020

Relevant Coursework: Artificial Intelligence, Data Structures, Machine Organization, Linear Algebra, Software Design

Skills: Python, C/C++, Java, JavaScript, R, SQL, HTML & CSS

PROFESSIONAL EXPERIENCE

Fairness in Foods, UIC Computer Science Department

Chicago, IL

Data Science and Research Intern

Jun 2020 – Present

- Partnered with the City of Chicago to assess the fairness of the machine learning model used by the City to determine the order in which food inspections should be conducted
- Evaluated geographical and demographical analysis and visualization in R on over 10 years of data
- Connected Yelp API to gather more data insights regarding pricing and public ratings using Python
- Prepared technical report with evidence of bias, data visualization, and recommendations to decrease bias in the future

Lifeweb 360

Chicago, IL

Technology Intern

May 2020 – Sep 2020

- Automated creation process using Python and GoogleApp scripts in order to support over 15 virtual memorial presentation downloads and 10 printable memory book orders
- Customized tumblr blog template with CSS and HTML for a group memorial in partnership with GIPCC
- Collaborated on product development of audio memory feature by pulling insights from user interview transcripts

UIC Computer Science Department

Chicago, IL

Data Structures Teaching Assistant

Jan 2020 – Present

- Instruct labs of up to 25 undergrad students and hold office hours for CS 251, C/C++ Data Structures course
- Assist professor in pre-flight labs and projects and monitoring piazza to decrease student confusion
- Explain data structures, pointers, memory allocation, recursion, searches and sorts one-on-one and in group settings

LEADERSHIP AND PROJECTS

Women in Computer Science

Chicago, IL

Secretary

Aug 2019 – Present

- Organize membership operations and virtual events including Zoom escape rooms
- Volunteered at “Mom, Me, and SWE” to help 40 elementary school girls interact with engineering projects
- Involved in student advisory for Computer Science initiatives like Break Though Tech Chicago

Flames Consulting Group

Chicago, IL

Director of Technology

Aug 2020 – Present

- Redesign the website using HTML, CSS, and JavaScript, in order to attract more students and employers

6nimmt! and Neural Networks, UIC Mathematical Computing Lab

Chicago, IL

Student Researcher

Sep – Dec 2019

- Collaborated with a team to map game play of card game, 6nimmt!, using TensorFlow and Python to implement neural networks and reinforcement learning
- Designed program to return the move with the highest probability of winning the game similar to Google's AlphaGo

ADDITIONAL

Extracurriculars: New Life Volunteering Society, ACM, Young Jains of America, Built By Girls, Rewriting the Code

Interests: Jigsaw Puzzles, Listening to Podcasts (Philosophize This! and Lingthusiasm), and Climbing Waterfalls